

ABSTRACT OF THE DISCLOSURE

In a color ink-jet printer using seven colors of ink including C, M, Y and K and c, m and y having low density, the data size of a conversion table used in color conversion is large. In view of this, compressed conversion table data, having compressed grid point data of a conversion table arranged by color components which are used to construct image data, is stored in a compressed data buffer. Then, the compressed conversion table data is expanded by a data restoration unit. Then, color conversion processor performs color conversion on inputted image data by interpolation operation based on the expanded conversion table data.

15